APPENDIX A

BENCHMARK CHARACTERISTIC ANALYSIS OF DATA FROM FIXED STATIONS IN THE LOWER EAST FORK WHITE WATERSHED

| Station: EVV-1 | | Confid Confid | | | | | Lower | Upper | | Quartile | Standard | 99 | | e e |
|-----------------------------|----------|----------------------------|----------|--------|---------|---------|----------|----------|--------|----------|-------------------------------------|-------------------|--------------|-------------|
| | N FSI-ry | 95,000% + | % Median | Sum | Minimum | Maximum | Quartile | Quartile | Range | Range | | 10 | - Los | |
| | V DIIEV | 450 VOO | 3 6 | 12888 | 3 | 359 | 139 | 207 | 306 | 68 | 4 49.60548 | 9128 0.2774 | 74 1.791755 | 55 0.54821 |
| (Ikalinity (mg/l) | 10 | • | 4 1 | 5 | 0.05 | 03 | 0.05 | 0.05 | 0.25 | 0 | 0.002763 0.052565 0.00607 3.17593 | 5937 0.2774 | 74 10.0099 | 93 0.54821 |
| Ammonia (mg/i as N) | | 1 20005 | | 50.45 | 005 | 63 | 0.5 | 23 | 6 25 | 8 | 2.386847 1.544942 0.264955 1.54 | 54545 0.40305 | 053 2.30441 | 11 0 787899 |
| (0D (mg/l) | 34 | 1753000 | | 8 8531 | 25 | 3 | 108 | 19 | 29.8 | 8.2 | 45.08893 6.714829 0.775362 0.821284 | 1284 0.2774 | 74 0.295157 | 57 0.54821 |
| OD (mg/l) | 1 0 | 0.000007 | 7 3 | 0 371 | 0 005 | 0.009 | 0.005 | 0.005 | 0.004 | 0 | 2.43E-07 0.000493 5.77E-05 7.34 | 7 341765 0.2810 | 029 57.39118 | |
| yanide (mg/l) | 1 % | 0.00002 0.004907 0.00019 | | 1426 | 0.05 | 4.2 | 12 | 26 | 4 15 | Ā | 0.80412 0.896727 0.103545 0.09324: | w | | |
| Nitrate (mg/l as N) | 7 0 | | | 8 155 | 0.015 | 0.39 | 0.07 | 0.13 | 0.375 | 0.06 | 0.005165 0.071867 0.008299 1.928877 | - | | |
| otal Phosphorus (mg/i as P) | i d | 245 2636 | | 27160 | 217 | 556 | 311 | 407 | 339 | 96 | 8 466454 | 5326 0.2774 | | |
| otal Solids (mg/l) | 7 2 | 576 398895 653410 | 550 | 3945 | 2 | 356 | 22 | 62 | 354 | 6 | | 10.50 | 74 16 09071 | |
| Suspended Solids (mg/l) | 3 2 | 70 | | 5842 | 202 | 430 | 218 | 280 | 228 | 62 | 58.80616 12.53752 | | | |
| issuived collectingin | 24 | 34 36776 | | 989 | 19 | 83 | 30 | 52 | 2 | 22 | 16.19978 3.306767 | | | |
| outate (mg/r) | 2 5 | 0 480697 | | 14.35 | 0.05 | 5 | 0.45 | 0.75 | 1 45 | 0.3 | 0.277598 0.056664 | | | |
| KN (mg/i as N) | 71 | 161 655 | 70 | 29365 | cn | 6100 | 20 | 210 | 6095 | 190 | 1064,388 126,3196 | , 3 | | . 0 |
| - con (cron room) | 3 - | 2 793225 | 7 | 68 4 | 2 | 4.5 | 26 | 3.5 | 25 | 0.9 | 0.712413 0.151887 | . a | | |
| oc (mgn) | 75 | 213 2747 | ۳, | 16980 | 112 | 352 | 192 | 269 | 240 | 77 | 57.04692 6.587211 | | | |
| ardness (mg/i) | 2 7 | 14.05501 | - | 406 | φ | 22 | 12 | 19.5 | 25 | 7.5 | 6 303323 1.28666 | | | 1 |
| hloride (mg/l) | 5 5 | | . , | 574 79 | 5.7 | 13.7 | 9 09 | 11.17 | 00 | 2.08 | 6 0.218898 | 0, | - | |
| issolved Oxygen (mgn) | 0 0 | 7 908807 | 0 | 464 1 | 6 88 | 8.54 | 7 82 | 8.29 | 1 66 | 0.47 | 0.0475 | - | | |
| | 2 6 | 3 350003 | 4 | 716 | N | 5 | 2 | 4 | 45' | 21 | 2 134067 1 460845 0.292169 1.28 | - | - | |
| Copper (ug/l) | . 23 | 200000 | | 78750 | 160 | 8100 | 735 | 1900 | 7940 | 1165 | 2556469 1598 896 326 3733 3 12180 | 1801 0.47226 | 261 12.1002 | 2 0 91777 |
| ron (ug/l) | 24 | 83 939 4200 83 939 4200 | 79 | 246 | 225 | 2 | on ; | 12 | 31 75 | 52 | 43,44396 6 591203 1,318241 2 259 | 2 259313 0.463684 | 684 6.852235 | 35 0.90172 |
| Inc (ug/l) | 25 | 984 / 119285 12,5607 | 1 / 0 | 047 | 6.6.3 | 5 | | ij | 200000 | | | | | |

| Zinc (ug/l) | | Copper (up/l) | PI | Tional and | Dissolved Oxygen (mg/l) | Chloride (mg/r) | C. C | Hardness (mo/l) | TOC (mg/l) | E CON (CFOI IDDIN) | TAN (High as iv) | Sunate (mgn) | Citate (mg/l) | Dissolved Solids (mg/l) | Suspended Solids (mg/l) | Total Solids (mg/ll) | Total Phosphorus (mg/l as P) | Nitrate (mg/l as N) | Cyanice (mgn) | COD (mgm) | COD (mgm) | BOD (ma/l) | Ammonia (mg/l as N) | Alkalinity (mg/l) | | | Station: EW-79 |
|-------------|------------|---------------|----------|--|-------------------------|-----------------|--|-----------------|--------------|--------------------|------------------|--------------|---------------|-------------------------|-------------------------|----------------------|------------------------------|---------------------|---------------|-----------|-----------|-------------|---------------------|-------------------|------------|-----------|----------------|
| 78 | 77 | 77 | 100 | n S | 61 | | 3 | 80 | 1,7 | 2 : | 77 | 9 1 | 23 ! | 2 | 88 | 80 | 80 | 0 | 3 6 | 0 | 80 | 33 | 80 | 00 | NI DUPA | Vicini N | |
| 10.478 | 1058 42G | 2.963636 | | 7 900806 | 10.1077 | 20,00 | 25 58182 | 214 7125 | 0.010040 | 2000 | 284 05 | 0.78 | 37.5 | 266 8095 | 32 32 | 332 6375 | 0.135313 | 1.00000 | 1000 | 0.005111 | 14 85625 | 1.673684 | 0.1325 | 1.1.1 | 474 7 | Mann | |
| | 29 846 052 | 36 251443 | | 06 7811499 | CIDECE / | | | 25 203,0997 | | | | | | | | 75 313.4969 | 13 0.053242 | | | | ٠, | 84 1.183129 | 5 0.025184 | | | | Confid |
| -3. | • | | 4 12 | | | | | - | | | | | | | | | | | 4 | 7 | | - | - | _ | ~ < | | |
| 12 35044 | 270.805 | 3.412000 | 10000 | 990114 | C2520'01 | 2020 | 38 90712 | 226,3253 | | 3751875 | 419 5182 | 0.98311 | 50.06795 | 291,7667 | 82116 | 351.7781 | 0.21/383 | 17000 | 2 206873 | 0.005346 | 16.8153 | 2 164239 | 0.238816 | | 191 7007 | %000 26 | Confid |
| 10 | 710 | | à | 7 965 | 10,60 | 20 01 | 18.5 | 215.5 | 2 | 29 | 8 | 0 6 | 31.5 | 257 | 22.5 | 318.5 | 0.00 | 000 | 95 | 0.005 | 13.4 | 3 | CULO | 0 0 | 166 | Median | |
| 8173 | 81499 | 2.077 | 200 | 489.85 | 0 | 8185 | 565 | 11111 | 17477 | 63 4 | 21870 | 62 4 | 825 | 5603 | 2586 | 26611 | 10.02 | 1000 | 155 26 | 0.092 | 1188.5 | 63.6 | 100 | n i | 13736 | Sum | |
| 2.25 | 25 | | u | 6.5 | | 40 | 10 | 9 | 0 | - | 5 | 0.2 | 16 | 200 | 2 | 412 | | 0.0 | 0.0 | 000 | 25 | C | , , | 0 | 67 | Minimum | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | ~ | |
| 50 | 000 | 2 | ń | 6 | | 384 | 55 | ē | ה | 5 | 400 | 00 | 09 | 422 | 65 | ō | 5 5 | 37 | 96 | 007 | 8.6 | ď | | ù | | aximum (| |
| cn | 010 | - | 2 | 111 | | 4 | 4 | 102.0 | 187 5 | 2.7 | 40 | 0.5 | 28 | 236 | 13.5 | 202 | 3 6 | 0 06 | 12 | 0 005 | = | O | 2 0 | 0.05 | 148 | Quartile | Lower |
| 10 | 1300 | 1300 | A | a | | 11.86 | 20 | | 254 | cs Cs | 250 | 8.0 | 36 | 288 | 28.5 | 000 | 356 | 0115 | 24 | 0.005 | 17.75 | 7 | 3 | 0 1 | 197 | Quartile | Upper |
| 47 75 | 4011 | 4011 | 14 | .10 | | 8 94 | 140 | | 222 | 3.6 | 4395 | 7 8 | 144 | 222 | 163 | 3 | N. | 3 355 | 9.55 | 0.002 | /4.1 | c | 0 | 4 25 | 230 | Range | |
| Un | 100 | 790 | 2 | 0.00 | 05.0 | 3.46 | 7 | | 715 | 0.6 | 210 | 0.3 | œ | 52 | 20 | 3 3 | 7.4 | 0.055 | 1.2 | c | 0.75 | 1 | n | 0.05 | 49 | Range | Quartil |
| 68 95439 | 0,0 | 975 | 3,916818 | 0 161 | 0 122672 | 4 083581 | 003.701 | 000 | 2723 094 | 0.534619 | 356881.6 | 0.833013 | 803.5 | 300000 | 900, 1209 | 000 | 7397 702 | 0.136007 | 1 431398 | 7.77E-01 | 17,49000 | 1 | 2 227397 | 0.228234 | 2019.529 | Variance | 10 |
| - 200 | | | ~ | 2 | 7. | | | | 7 | | | 6.0 5.0 | .5 20 | | 203 23 | | | | 188 | | | | 70 | 5.7 | - | | |
| 8.303878 0 | | 1 6569 556 | 0 G606/6 | | 0 351672 0 | 2 020/8/ 0 | | | 52 18327 5 | | | | | | 22.101111 | | | 0.368792 0 | | | | | 514 | 0 477739 0 | 44,93917 5 | 1 | |
| 0.940229 | | 106 6322 | RCC077.0 | 20000 | 0.044662 | 0.796739 | 2000 | 6259499 | 5.834267 | 0 109555 | 00,07900 | | - T | 11,30000 | 35730 | 232525 | 9 616199 | 0.041232 | | | | 20072 | 0 242107 | 0 053413 | | FLLOL | Slandard |
| 20/30/4 | 9 97397 | 1 939964 | 4.1200 | 4 220 | -0 7626 | ישטטטים- | 0 2000 | 4 228659 | -0.16/0B | U./20040 | 4 9/ 309/ | 0.7007007 | # 1777EG | 4 17754 | 1 205014 | 2 255844 | 4 202278 | 8 75607 | 3.339730 | 40747 | 1 3000 | A AGOODS | 1 858263 | 8 623309 | 0.282234 | Skallmaye | 2 |
| 9 0.27221 | | 4 0.273908 | | -3 | 3 0 30390 | - | | 9 0 490962 | 8 0 268908 | | | | | 30.5 | | | 8 0 268909 | 7 0 268908 | | | 150 | | 3 0 382818 | 9 0 268909 | | Sokewies | |
| | | _ | | ~ | 902 0.90360 | | 2/15 | 362 18 94201 | 909 -0.45722 | 1117 | | 100 | | 200 | 2000 | | 909 26.86536 | | | - | | TT. () | 818 3.551836 | | | | |
| | _ | 4 195213 0 | | | u | 1/10 | | | 000 | | - | | - | | | | 33 | 1 | | 3 | - 12 | | _ | 15.9/642 0: | | | e ocw |
| 000 | 71865 | 0.54146 | | 0 54146 | 0.58658 | 00000 | 0 503837 | 0.95278 | 007100 | 0.01.00 | 71044 | 0.54146 | 0 531786 | 0.95278 | 0 971941 | 0.531786 | 0.531786 | U.531780 | 0.001700 | 34700 | 1027705 | 0.531786 | 0.7497 | 1531780 | 0.531/00 | Col Tool | Sid Err |

| Station: EW-94 Alkalinity (mg/l) Ammonia (mg/l as N) BOD (mg/l) COD (mg/l) COD (mg/l) Cyanide (mg/l) Nifirate (mg/l as N) Total Phosphorus (mg/l) Total Solids (mg/l) Suspended Solids (mg/l) Suspended Solids (mg/l) Suspended Solids (mg/l) Dissolved Solids (mg/l) Dissolved Solids (mg/l) Dissolved (mg/l) Hardness (mg/l) Chloride (mg/l) PH Copper (ug/l) Iron (ug/l) Jinc (ug/l) Zinc (ug/l) | TOC (mg/l) Hardness (mg/l) Choride (mg/l) Dissolved Oxygen (mg/l) pH Copper (ug/l) Iron (ug/l) Zinc (ug/l) |
|---|---|
| Valid N 75 75 75 75 75 75 75 75 75 75 75 75 75 | 21 79 22 61 62 21 21 |
| Mean 190,5467 0,12933 1,680444 14,55867 2,5925 2,244 0,153 36,6077 45,96 303,2083 464,7183 3,860475 25,8667 25,867 25, | 3,088095 2.6428 152,3165 134,7521 9,318 182 6.035333 8,788689 8.169634 7,730806 7.639667 2.5 1,836914 628,0952 399,4733 6,314286 4,711734 |
| Confid Confid 455,000%, +95,000% 180,6225,200,478 180,6225,200,478 1,13167,2,207219 1,76011,16,35722 -29,2312,34,23625 1,967872,2,500128 0,660015,0,245985 345,2589,365,7952 35,03182,56,88818 289,769,316,6476 35,55244,4434,1465839 167,4831,761,9535 2,8665,447003445 1,465839 167,4831,761,9535 2,8665,44700345 1,289,485,771 16,87111,39,73759 9,422063,10,30588 7,857857,80,39885 2,155714,6,252519 840,9732,2004,244 | 3,088095 2.5428 3.53.34 152,3165 134,7521 169.8808 9,318182 6.03533 12.60103 8,788.689 8.19933 9.407743 7,703.66 7.63966 7.7821946 2,5 1836914 3.163066 6,28.0952 399.4733 856.7172 6,314286 4,711734 7.916838 |
| % Median % Median 196 8 196 8 196 9 1.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 120 6 9 1 7 74 2 460 6 5 |
| Sum 14291 9,7 60.1 1091.9 5.005 5.005 2.108 2.11475 2.108 3.3447 2.108 3.298 7.75 1.7690 651 651 651 601 601 601 601 601 601 601 601 601 60 | 12033 205 205 536 11 479 31 52 5 13190 132 6 |
| Minimum 73 0.05 0.5 0.5 0.4 0.015 164 2 93 15 0.3 5 1.5 5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 | 54 2 5 4 01 6 91 2 2 120 2 25 |
| 1 Maximum 274 4 6.2 56.9 5.5 90.2 272 417 219 6.1 7500 12.4 12.9 12.9 12.9 12.9 12.9 12.9 12.9 12.9 | 382 26 14 1 8 6 8 2 1800 |
| Lower 165 0.05 0.5 9.4 1.4 0.07 325 17 266.5 33 0.5 27 76 87 87 87 87 87 87 87 87 87 87 | 96 2.5 6.97 7.5 2 290 2.25 |
| Upper Ouartile 229 0.05 2.15 18 28 0.13 392 56 349 4 1 220 4.11 2.82 2.85 2.85 2.85 2.85 2.85 2.85 2.85 | 196 16 10 42 7 89 2 650 8 8 |
| Range 201 3.95 5.7 5.4 4.99.6 7.3 3.535 7.38 270 220 5.8 7.495 10.9 10.9 22.6 17.3 17.3 17.3 17.3 17.3 17.3 17.3 17.3 | 328 23 5 10 09 1 69. 6.2 1680 11 75 |
| Quartile Range 64 0 1.55 8.6 1.4 0.06 67 67 67 10 0.5 200 0.5 200 1.5 39 82.5 10 0.5 20 0.5 39 82.5 20 0.0 1.5 39 82.5 20 20 20 30 40 40 40 40 40 40 40 40 40 40 40 40 40 | 100 13 5 3 4 5 0 39 0 360 6 55 |
| Variance 1860 521 0 211695 2 526 83 61 1079 12.4750 1 1.29254 0 .16234 8035 524 0 .256 012 3270 844 0 .367 186 1 .397 186 1 .307 186 | 54.82551 5842498 0128798 01222 2122 252256 2 12 39454 |
| 8-40-202225480-0-0-040 | 7 404222 2 417126 0 358884 1 456709 502 2511 3 520587 |
| Standard d Dev. Error 13376 4 98058 889397 0 264899 117735 0 902645 331998 2.4975 331998 2.4975 131938 2.4975 13218 0 128637 149058 1 19129 6.740058 19129 6 | 1.578586 0.309481 0.045578 0.31788 0.31788 109.6002 0.768255 |
| Skewness -0.5609 8.278207 1.541399 2.439451 1.53179 8.277198 3.077381 3.077381 3.077381 3.077381 3.077381 3.077381 3.077381 4.297302 4.56736 3.260103 -0.67327 4.29159 3.721724 -0.75053 3.721725 1.168323 2.375673 | 0 915768 -0 03243 0 173743 3 431708 1 566762 0 583805 |
| Skewness Ske | 1.578586 0.915768 0.490962 0.309481 0.03243 0.30627 0.045578 0.173743 0.30962 0.31788 3.431708 0.501195 109.6002 1.566762 0.501195 0.768255 0.593805 0.501195 |
| 6 Kurtosis -0.21333 70.2938 1.618314 10.9444 10.9444 10.93457 17.78419 9.532281 11.487276 31.27856 31.27856 31.27856 31.27856 31.27856 31.27856 31.27856 31.27814 31. | |
| Standard Std Err. Std Err. Std Err. Land Dev. Error Skewness Skewness Kurtosis Kurtosis 131376 4 980658 0.5609 0.2774 70.2938 0.548211 460104 0.531218 8.278207 0.2774 70.2938 0.548211 460104 0.531218 8.278207 0.2774 10.9440 0.548211 531939 0.29454 1.51379 0.2774 6.49918 0.548211 13218 0.128543 1.551379 0.2774 6.49918 0.548211 404146 0.046667 8.247198 0.2774 70.03457 0.548211 404146 0.045667 8.247198 0.2774 9.532281 0.548211 404146 0.045667 8.247198 0.2774 9.532281 0.548211 7.9129 5.74058 0.08949 0.28289 1.487276 0.558211 7.9129 5.74058 0.08949 0.28289 1.487276 0.558211 7.19129 5.74058 0.08949 0.28289 1.487276 0.558211 7.28431 3.150521 5.364679 0.2774 3.27556 0.548211 7.28431 3.150521 5.364679 0.2774 3.27556 0.548211 7.28431 3.150521 5.364679 0.2774 3.127856 0.548211 7.28431 3.150521 5.364679 0.2774 3.127856 0.548211 7.28431 3.150521 5.364679 0.2774 3.127856 0.548211 7.28431 3.150521 5.364679 0.2774 3.127856 0.548211 7.28431 3.150521 5.364679 0.2774 3.127856 0.548211 7.28431 3.150521 5.364679 0.2774 3.127856 0.368211 5.49348 5.12897 0.48137 19.25046 0.991941 5.49348 0.200103 0.501198 1.267814 0.991941 5.49348 0.200103 0.501198 1.267814 0.991941 5.49348 0.200103 0.501198 1.267814 0.991941 5.49348 0.200103 0.501198 1.267814 0.991941 5.49348 0.200103 0.501198 1.267814 0.991941 5.49348 0.200103 0.501198 1.267814 0.991941 5.49359 0.20023 0.20099 0.00023 0.20099 0.00023 0.41523 0.603837 3.549348 0.75053 0.300290 1.378973 0.592288 1.49348 0.2003 0.20090 0.00025 0.41525 0.0003837 3.549348 0.472261 1.571756 0.94777 3.45022 280.4486 1.168239 0.481337 0.380644 0.934784 2.66576 1.687408 2.375673 0.472261 7.500592 0.917777 3.5052 280.4486 1.168239 0.472261 7.500592 0.917777 3.5052 280.4486 1.68323 0.481337 0.380644 0.934784 2.66576 1.687408 2.375673 0.472261 7.500592 0.917777 3.5052 280.4486 1.68323 0.481337 0.380644 0.934774 2.66576 1.687408 2.375673 0.472261 7.500592 0.917777 3.5052 280.4486 1.68323 0.481337 0.380644 0.934774 2.66576 1.687408 2.375673 0.472261 7.500592 0.917777 3.5052 280.4486 1.68323 0.481337 0.380644 0.9 | 0.5591 0.95278 0.67804 0.603837 0.2451 0.59928 12.56583 0.971941 1.521829 0.971941 0.20509 0.971941 |
| | |

| BOD (mg/l) CDD (mg/l) CDD (mg/l) Cyande (mg/l) Nitrate (mg/l as N) Total Phosphorus (mg/l as P) Total Solids (mg/l) Suspended Solids (mg/l) Sustate (mg/l) TKN (mg/l as N) E. coli (CFU/100ml) TOC (mg/l) Hardness (mg/l) Chloride (mg/l) Dissolved Oxygen (mg/l) pH Copper (ug/l) Iron (ug/l) Iron (ug/l) | Station: SLT-12 Alkalinity (mg/l) Ammonia (mg/l as N) |
|--|--|
| 38 77 77 79 79 79 79 79 74 74 74 72 75 75 76 77 77 78 79 79 79 79 79 79 79 79 79 79 79 79 79 | Valid N 78 78 |
| | Confid Confid -95 000% +95 000% 100 653 128 8342 0 056877 0.081584 |
| 0.9 0.07 208 13 187 32 0.3 70 3.2 120 6.9 1 774 2 460 6.5 | Median 93.5 0.05 |
| 13 0 005 89 2 7.425 19768 27366 77 48540 64 85 12033 205 536 11 479 31 152 36 13190 | Sum 8950 5 4 |
| 13 0 005 0 25 0 0 15 110 2 2 98 18 18 0 25 5 4 01 6 91 120 2 25 2 2 120 | Minimum 36 0.05 |
| 13 0 005 3 2 0 56 977 600 110 0 6 17000 4 6 382 26 14 1 8 6 18 2 | Z |
| 0.5 0.05 148 6 6 6 25 2.5 2.5 0.3 1.0 2.8 9.6 9.7 7.5 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 | Lower Quartile 67 0.05 |
| 16 0.1 336 33 33 33 39 39 39 04 350 38 196 196 789 2 789 88 | Upper Quartile 145 0 05 |
| 3 0 545 867 598 301 92 0 4 16995 4 3 5 32 8 32 8 10 09 1 69 6 2 6 2 1680 | Range 218 035 435 |
| 11 0.05 188 188 27 153 114 0.1 10 115 340 115 340 115 340 115 340 115 340 115 340 115 115 115 115 115 115 115 115 115 11 | Quartile Range 78 0 |
| 0.645088 0.803174 0.990942 0.913611 0.272211 0.007662 0.087531 0.009975 3.102545 0.279508 1.9857.49 140.9166 15.86436 2.475984 0.270545 6.088.803 78.03578 8.779149 5.866084 0.270545 7882.756 88 784944 10.1798 0.54951 0.270545 0.015333 0.122828 0.027021 0.711477 0.501195 0.4478142 2116.162 245.9988 6.65994 0.279197 0.956976 0.976252 0.213472 1.23113 0.501195 6.149.168 78.44653 8.82256 0.95313 0.27021 0.95495 0.490546 0.976252 0.713473 0.90195 5.48254 7.494222 1.578586 0.915768 0.490562 5.48254 0.36884 0.045578 0.173743 0.309627 0.128798 0.356884 0.045578 0.13734 0.309627 2.122 1.456709 0.31768 3.431708 0.501195 2.52556 2.502.2511 109.6002 1.566762 0.501195 1.23454 3.520587 0.768255 0.563805 0.501195 1.23454 3.520587 0.768255 0.568805 0.501195 1.23454 3.520587 0 | Variance Std Dev Error Skewness Skewness Kurtosis Kurtosis 3905.7 62.4956 7 076233 0.839056 0.272211 -0.50687 0.538176 0.003002 0.05479 0.006204 4.283487 0.272211 20.8685 0.538176 0.977335 0.988602 0.160372 2.032497 0.382818 4.254454 0.7497 |
| 0 913611 0 272211 0 1374 3 102545 0 273908 12 3194 5 475904 0 270545 9 220378 6 586084 0 270545 9 680846 0 554951 0 273908 0 9041 2 820777 0 270545 14 58822 0 711477 0 501195 0 15073 6 659904 0 279197 50.15883 1 23113 0 501195 0 15022 0 925314 0 2707545 0 16222 0 915768 0 490962 0 5591 0 0 915768 0 190962 0 0 5591 0 0 915768 0 190962 0 0 5591 0 0 915768 0 190962 0 0 2451 3 431708 0 501195 12 55683 2 1 566762 0 501195 12 55683 | Std.Err. Error Skewness |
| 0.272211 0.273508 0.270545 0.270545 0.270545 0.270545 0.270546 0.501195 0.27054 0.27054 0.2 | Std.Err. Skewness 0.272211 0.272211 0.382818 |
| .0 1374 12 3194 9 38 58946 38 58946 6 0 9041 14 58522 -0 15073 50 1588 3 50 1588 2 10 1622 -0 16222 -0 16222 -0 2591 -0 2591 -0 2561 12 5653 112 5653 12 5653 | Std Err Skewness Kurtosis 0.272211 -0.50687 0.272211 20.88695 0.382818 4.254454 |
| .0 1374 0.538176 12.3194 0.54146 9.220378 0.543952 38.68946 0.543952 0.9041 0.54146 14.5652 0.543952 -0.15073 0.971941 50.15883 0.551884 50.15883 0.551884 12.01882 0.971941 -0.16222 0.554952 -0.5931 0.99278 -0.67834 0.603837 -0.2451 0.59228 12.55683 0.971941 1.521629 0.971941 -0.20509 0.971941 | Sid Err. Kurtosis 0.538176 0.538176 0.7497 |